

Colledge, Michelle

From: Bollweg, George
Sent: Monday, July 15, 2013 9:14 AM
To: Lobdell, Danelle; Stein, Greg; Frey, Bob; Rosemarie Bowler (rbowl@sfsu.edu); Colledge, Michelle
Subject: RE: Manganese results shared with health board, community (The Review -- E Liverpool)

FYI and sorry if a repeat -

Mike Walton, an E. Liverpool OH citizen who commented at the July 11, 2013 E. Liverpool public meeting, called me this morning with this story about a Saturday July 13, 2013 accidental release from WTI

<http://www.reviewonline.com/page/content.detail/id/567873/Neighbors-concerned-with-ash-from-accident.html?nav=5008>

From: Lobdell, Danelle
Sent: Friday, July 12, 2013 11:26 AM
To: Stein, Greg; Frey, Bob; Rosemarie Bowler (rbowl@sfsu.edu); Colledge, Michelle; Bollweg, George
Subject: Re: Manganese results shared with health board, community (The Review -- E Liverpool)

Thank you Greg

From: Stein, Greg <Greg.Stein@odh.ohio.gov>
Sent: Friday, July 12, 2013 11:22:16 AM
To: Frey, Bob; Rosemarie Bowler (rbowl@sfsu.edu); Colledge, Michelle; Lobdell, Danelle; Bollweg, George
Cc: Stein, Greg
Subject: Manganese results shared with health board, community (The Review -- E Liverpool)

Manganese results shared with health board, community

July 12, 2013

By JO ANN BOBBY-GILBERT - East Liverpool Reporter (jgilbert@reviewonline.com) , The Review

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EAST LIVERPOOL - Results of a health study regarding the effects of airborne manganese on local residents indicate that those exposed to the mineral are showing some health effects.

The results of the study conducted by the San Francisco State University were shared Thursday with the city's board of health and later that evening with the community at a public session at Kent State University's downtown campus.

The local study compared results of a similar study conducted in 2009 in Marietta, located near a smelter that emits manganese, and Mount Vernon, which has no large airborne source of the mineral.

In East Liverpool, prior investigations had determined that the greatest source of manganese in the city is S.H. Bell, a raw products storage and packaging facility in the East End.

According to George Bollweg of the Environmental Protection Agency, Region 5, manganese levels in the city are the highest in Region 5 and probably in the entire country.

These high levels prompted this study, which involved four different universities in three countries, two federal agencies, the Ohio Department of Health and experts from around the globe.

Colledge, Michelle

From: Bollweg, George
Sent: Wednesday, July 10, 2013 9:37 AM
To: Blackburn, Elizabeth; Cannon, Phillippa; Colledge, Michelle
Cc: Drumm, Heather; Nwia, Jacqueline; Nash, Carlton
Subject: RE: East Liverpool and Marietta question

FYI – Jackie Nwia (R5) response to this question when someone asked us in May 2013. Note terminology, but for East Liverpool the answer seems to be more “yes” than “no”; for Marietta, more “no” than “yes”

Thu 5/16/2013 9:34 AM

Yes...that is why I call it an “area of potential EJ concern”

From: Bollweg, George
Sent: Thursday, May 16, 2013 9:29 AM
To: Nwia, Jacqueline
Subject: RE: East Liverpool Ohio

thanks Jackie – and doesn’t the new terminology avoid calling a place “an EJ area”?

From: Nwia, Jacqueline
Sent: Thursday, May 16, 2013 9:08 AM
To: Nash, Carlton
Cc: Bollweg, George; Tyson, MaryPat
Subject: RE: East Liverpool Ohio

Yes...we did go through analysis. It is below:

EJSCREEN's primary indicators are the 12 environmental indicators combined with low income and minority data. EJSCREEN affords the flexibility to examine the primary indicators, environmental only or demographic only.

I reviewed EJSCREEN for SH Bell (2217 Michigan Avenue, East Liverpool, OH and Eramet (16705 Ohio 7, South Marietta, OH). The following indicators were over 80%:

SH Bell:

Primary Indicators: Proximity to RMP (Risk Management Plan facilities) - 82%, Proximity to TSDF (Treatment, Storage and Disposal facilities - hazardous waste facilities) - 94%.

Environmental Indicators Only: Lead Paint Indicator-91%, Proximity to RMP - 94%, Proximity to TSDF - 99%, Proximity to Water Discharge - 85%.

Demographic Indicators Only: Low Income - 89%

So for SH Bell, I would say that it is in an area with potential EJ concerns (remember EJSCREEN is a screen).

Eramet:

Primary Indicators: None

Environmental Indicators Only: NATA Neurological Hazard - 99%, PM2.5 - 80% and Proximity to Water Discharge - 84%

Demographic Indicators Only: Population over 64 years of age - 93% (Note: low income is 20% and minority is 34%).